14. A method for personalizing GSM chips having a memory range in which at least one subscriber identification number IMSI and a card number ICCID are stored, and wherein for personalizing the chip an additional secret key Ki and, optionally, additional data are stored, wherein at the manufacturer for pre-personalizing the chip, at least initial card-specific data, namely a first secret key Ki_1 and, optionally, additional data, such as PIN and PUK are stored, comprising the steps of

a) performing the personalization of the chip when the subscriber logs on to the subscriber network for the first time;

b) obtaining the ICCID and the IMSI from a number pool, the chip itself derives an initial key Ki_1 from a key K1 which is known and entered into the chip, while PIN and PUK are set to a default value;

c) making an entry in the authentication center (AC) and the home location register (HLR) as soon as a subscriber has entered into a contract with the network operator;

d) deriving the authentication center (AC) the initial first key Ki_1;

e) setting the conditions of the network so that during logon to the network, a connection is established from the chip to the security center of the network operator (SC);

f) routing the connection from the chip to the SC during the first logon;

g) negotiating a new second secret key Ki_2 and, optionally, a PUK with the chip or generated in the security center (SC) and transmitted to the chip;

h) disabling the conditions of step e).

15. The method according to claim 14, wherein the initial secret key Ki_1 which is first stored in the chip, is not transmitted to and stored in the AC before the contract is established.

16. The method according to claim 14, further comprising the step of employing a Diffie-Hellman method to negotiate the second secret key Ki_2.

17. The method according to claim 16, wherein the home location register (HLR) is capable of setting and deleting a rerouting command (hotlining flag).

18. The method according to claim 17, wherein , when the initial key Ki_1 is entered into the authentication center (AC) for the first time, the hotlining flag is also set in the home location register (HLR).

19. A chip having stored in the memory range at least one subscriber identification number IMSI and a card number ICCID as well as for the purpose of personalization an additional secret key Ki and, optionally, additional data, wherein for pre-personalizing the chip there are further stored initial card-related data, namely a first secret key Ki_1 and, optionally, additional data, such as PIN and PUK, wherein the chip in the terminal equipment is Toolkit-enabled and includes means for communicating with a security center (SC) and negotiating a key.

20. The chip according to claim 19, wherein the chip includes means for receiving data from the security center (SC) and means for writing these data to a memory and, optionally, reading these data from the memory, changing these data and/or transmitting these data to the security center (SC).

21. The chip according to claim 20, wherein the chip comprises a microprocessor for negotiating a secret key with the security center (SC).

22. The chip according to claim 21, wherein the chip includes a dialing number which is fixedly programmed by the manufacturer (fixed dialing).

IN THE SPECIFICATION:

On page 1, line 3, delete "Description" and insert instead

--**BACKGROUND OF THE INVENTION**

1. **Field of the Invention**--;

On page 2, line 19, please insert:

--2. **Description of the Related Art**

EP-A-562 890 discloses a mobile communication network having the capability for remotely